USER MANUAL

# HERO3+
# SILVER

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## / Table of Contents


| | |
|---|---|
| Optional Accessories | 6 |
| The Basics | 8 |
| Camera Status Screen | 10 |
| Camera Menus | 11 |
| Getting Started | 12 |
| Camera Modes | 16 |
| Camera Settings | 23 |
| Capture Settings | 33 |
| Set Up | 37 |
| Connecting to the GoPro App | 46 |
| Storage and microSD Cards | 48 |
| System Requirements | 49 |
| Transferring Files to a Computer | 51 |
| Playback | 52 |
| Battery | 54 |
| Important Messages | 60 |




/ Table of Contents


| | |
|---|---|
| Camera Housing | 61 |
| Using the Mounts | 66 |
| Frequently Asked Questions | 69 |
| Customer Support | 70 |
| Trademarks | 70 |
| Regulatory Information | 70 |

## / Optional Accessories

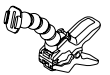
Battery BacPac™

The Frame

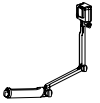
LCD Touch BacPac™

Chesty (Chest Harness)

Smart Remote



Jaws: Flex Clamp



3-Way

Side Mount



## / Wear It. Mount It. Love It.™

Suction Cup

Head Strap + QuickClip

Surfboard Mounts

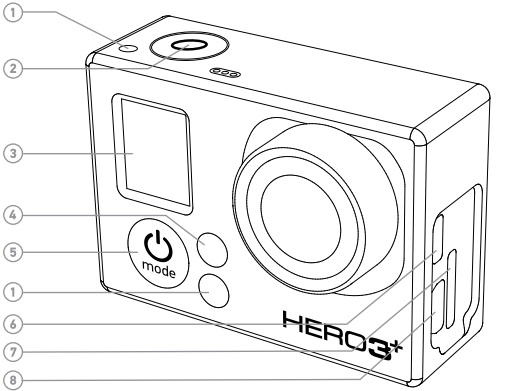
Tripod Mounts

Wrist Mount

Fetch (Dog Harness)

Floaty Backdoor

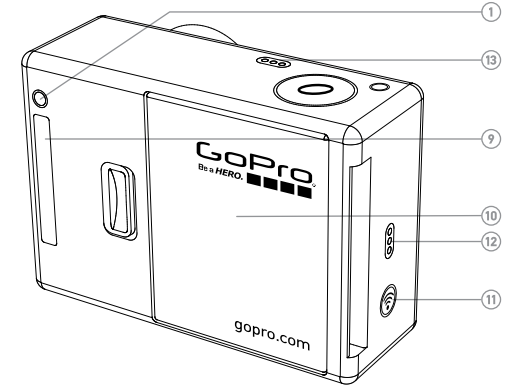
See more at **gopro.com**.




1. Camera Status Lights (red)
2. Shutter/Select Button [ ]
3. Camera Status Screen
4. Wireless Status Light (blue)
5. Power/Mode Button [ ]
6. Micro HDMI Port (cable not included)
7. microSD Card Slot (microSD card not included)
8. Mini-USB port (supports composite A/C cable/3.5mm stereo mic adapter, not included)





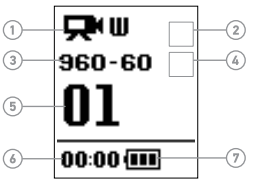



9. HERO Port
10. Battery Door
11. Wireless On/Off Button [ ]
12. Audio Alert
13. Microphone

## / Camera Status Screen

The camera status screen displays the following information about HERO3+ Silver modes and settings:

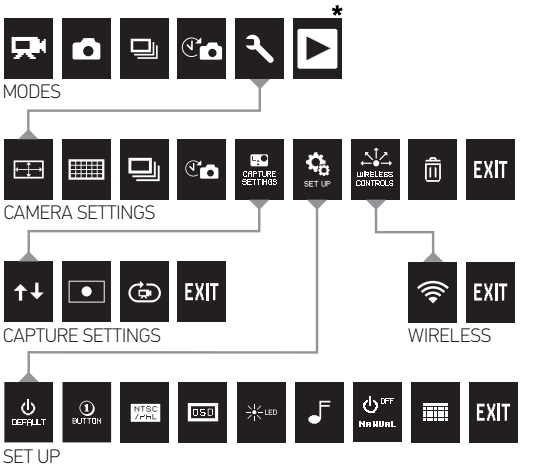
1. Camera Modes/FOV (field of view)
2. Capture Setting Modes (not shown)
3. Resolution/fps (frames per second)
4. Time Interval Settings (not shown)
5. Counter
6. Time/Storage/Files
7. Battery Life




*Note: The icons that appear on the camera status screen vary by mode.*



## / Camera Menus



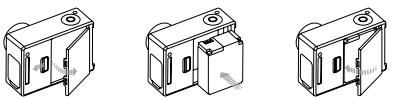

**Playback appears only if the camera is connected to a TV or LCD Touch BacPac (optional accessory, sold separately).*

### CHARGING THE BATTERY

1. Remove the camera from its housing.

2. Remove the camera side door and insert a microSD, microSDHC™ or microSDXC™ card into the card slot. A microSD card with a Class 10 or UHS-1 rating is required.

3. Open the camera backdoor, insert the battery and close the camera back door.







4. Be sure the camera is powered off.
5. Charge the battery by connecting the camera to a computer using the included USB cable. The red status light turns on during charging and turns off when the battery is fully charged.

The included lithium-ion battery comes partially charged. No damage occurs to the camera or battery if used prior to a full charge.

For more battery information, see *Battery.*

**WARNING: Use caution when using your GoPro as part of your active lifestyle. Always be aware of your surroundings to avoid injury to yourself and others. Abide by all local laws when using this camera.**

### CAMERA SOFTWARE UPDATES

To get the latest features and best performance from your HERO3+ Silver camera, make sure you're using the most current camera software. You can update your camera software via the GoPro App, GoPro software or at **gopro.com/getstarted**.

### CAMERA DEFAULT SETTINGS

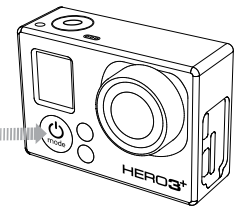
The HERO3+ Silver powers up with the following default settings:

| | | |
|---|---|---|
| | Video | 960p60 fps |
| | Photo | 10MP (megapixels) |
| | Burst Photo | 10 photos in 1 second |
| | Time Lapse | 0.5 seconds |
| | Wireless | Off |

To change your **Video** or **Photo** settings, see *Camera Settings*.








### POWERING ON + OFF

**To Power On:**

Press the **Power/Mode** button [ ⏻ ]. The red camera status lights flash three times and the sound indicator emits three beeps. Once the camera status screen displays information, your camera is on.

**To Power Off:**

Press and hold the **Power/Mode** button [ ⏻ ] **for two seconds.** The red camera status lights flash several times and the sound indicator emits seven beeps.

**PRO TIP:** Want to turn your HERO3+ into a one-button camera that automatically starts recording video or Time Lapse photos when it turns on? See *One Button* for more information.

**OVERVIEW**

The HERO3+ Silver features several camera modes. To cycle through the modes, press the **Power/Mode** button [ ] repeatedly.

The modes appear in the following order:

| | | |
|---|---|---|
| | Video | Record video |
| | Photo | Capture a single photo |
| | Burst | Capture up to 10 photos in one second |
| | Time Lapse | Capture a series of photos at timed intervals |
| | Settings | Adjust camera settings |
| | Playback | Play back video and photos. Appears only if camera is connected to a TV or LCD Touch BacPac (optional accessory, sold separately). |

**PRO TIP:** Use **Burst** to capture fast-moving subjects.





**VIDEO**

To record video, verify that the camera is in **Video** mode. If the **Video** icon [ ] does not appear on your camera status screen, press the **Power/Mode** button [ ] repeatedly until it appears.

**To Start Recording:**
Press the **Shutter/Select** button [ ]. The camera beeps once and the red camera status lights flash while recording.

**To Stop Recording:**
Press the **Shutter/Select** button [ ]. The red camera status lights flash three times and the camera emits three beeps.

If the memory card is full or the battery is out of power, your camera automatically stops recording. Your video is saved before the camera powers off.

See *Video Resolutions/FPS/FOV Modes* in *Camera Settings* for resolution settings.

**PRO TIP:** Want to see your videos and photos on the big screen? Connect your HERO3+ Silver directly to your TV/HDTV. See *Playback* for more information.

### PHOTO

To capture a photo, verify that the camera is in **Photo** mode. If the **Photo** icon [ ] does not appear on your camera status screen, press the **Power/Mode** button [ ] repeatedly until it appears.

**To Capture a Photo:**
Press the **Shutter/Select** button [ ]. The camera beeps two times, the red camera status lights flash and the counter on the camera status screen increases by one.

See *Photo Resolution Modes* in *Camera Settings* for photo resolution settings.





### BURST

In **Burst** mode your camera takes multiple photos in short time intervals—3 photos/1 second, 5 photos/1 second and 10 photos/ 1 second.

To capture a **Burst** photo series, verify that the camera is in **Burst** mode. If the **Burst** icon [ ] does not appear on your camera status screen, press the **Power/Mode** button [ ] repeatedly until it appears.

**To Capture Burst Photos:**
Press the **Shutter/Select** button [ ]. The red camera status lights flash and the camera beeps multiple times.

The camera status screen displays *BUSY* while the camera processes these files. Once *BUSY* disappears, the camera is ready for the next action.

See *Options* in *Camera Settings* for interval settings.

## TIME LAPSE

**Time Lapse** mode captures a series of photos at intervals of 0.5, 1, 2, 5, 10, 30 or 60 seconds.

To capture a **Time Lapse** series, verify that the camera is in **Time Lapse** mode. If the **Time Lapse** icon [ ] does not appear on your camera status screen, press the **Power/Mode** button [ ] repeatedly until it appears.

**To Capture Time Lapse Photos:**
Press the **Shutter/Select** button [ ]. The camera initiates countdown and the red camera status lights flash each time a photo is taken.

**To Stop Time Lapse Photos:**
Press the **Shutter/Select** button [ ]. The red camera status lights flash three times and the camera emits three beeps.

See *Time Lapse* in *Camera Settings* for interval settings.





## SETTINGS

The **Settings** menu allows you to adjust these camera settings:

| | |
|---|---|
| | Video Resolution |
| | Photo Resolution |
| | Time Lapse Interval |
| | Burst Photo Rate |

See *Camera Settings* to make changes, learn how to navigate menu options and read more details on each setting.

### PLAYBACK

Play back video and photos by connecting your HERO3+ Silver to a TV (requires micro HDMI, composite or combo cable, sold separately). You can also play back video and photos on the LCD Touch BacPac (optional accessory, sold separately). The Playback icon [ ▶ ] appears only if the camera is connected to a TV or LCD Touch BacPac.

See *Playback* for more information on viewing your videos and photos.





### SETTINGS

**To Enter the Settings Menu:**

1. Verify that the camera is in the **Settings** mode. If the **Settings** icon [ 🔧 ] does not appear on your camera status screen, press the **Power/Mode** button [ ⏻ ] repeatedly until it appears.
2. Press the **Shutter/Select** button [ ⏺ ] to enter the **Settings** menu [ 🔧 ].
3. Use the **Power/Mode** button [ ⏻ ] to cycle through the various **Settings** options.
4. Press the **Shutter/Select** button [ ⏺ ] to select the desired option.
5. To exit, hold down the **Shutter/Select** button [ ⏺ ] for two seconds or cycle through to [ EXIT ] and press the **Shutter/Select** button [ ⏺ ] to select it.

### VIDEO RESOLUTION/FPS/FOV MODES

You can change Resolution, fps (frames per second) and FOV ( field of view) in the **Video** mode menu.

The HERO3+ Silver offers the following video capture modes:

| Video Resolution | NTSC/ PAL | FOV | Screen Resolution |
|---|---|---|---|
| 1080p | 60/50<br>30/25 | Ultra Wide, Medium, Narrow | 1920x1080, 16:9 |
| 960p | 60/50<br>30/25 | Ultra Wide | 1280x960, 4:3 |
| 720p | 120/100<br>60/50<br>30/25 | Ultra Wide, Medium, Narrow | 1280x720, 16:9 |
| WVGA | 120/100<br>60/50 | Ultra Wide | 848x480, 16:9 |





| Video Resolution | Best Use |
|---|---|
| 1080p | 1080p60 is great for all shots, as high resolution and frame rate yield stunning results. Try 1080p30 when shooting with a tripod or for fixed-mounted shots. |
| 960p | Use for body-mounted shots. Provides the largest viewing area and smooth results for high-action capture. Use 960p60 when slow motion is desired—use 960p30 when shooting in low-light conditions. |
| 720p | Best resolution and frame rate for handheld shots. Use 720p120 or 720p60 when slow motion is desired. Use 720p30 in low-light conditions. |
| WVGA | For smaller data files, this is standard definition resolution. Also good when slow motion is desired. |

### PHOTO RESOLUTION MODES

The HERO3+ Silver captures photos at 10MP, 7MP and 5MP resolutions. Any change to photo resolution affects photos captured in **Photo**, **Burst** and **Time Lapse** modes.

| Photo Resolution | Field of View (FOV) |
|---|---|
| 10MP | Wide (default) |
| 7MP | Wide |
| 5MP | Medium |

### OPTIONS

**Burst** mode captures a series of photos when the **Shutter/Select** button [ ] is pressed. Photos can be captured at the following rates:

| |
|---|
| 3 photos in 1 second |
| 5 photos in 1 second |
| 10 photos in 1 second (default) |





### TIME LAPSE

You can use **Time Lapse** to capture continuous photos of any activity, so you can choose the best ones later. Or you can stitch together **Time Lapse** photos during editing to create a movie. Available intervals range from 0.5 to 60 seconds.

| Interval | Examples |
|---|---|
| 0.5-2 seconds | Surfing, biking or other sport |
| 2 seconds | Busy street corner |
| 5-10 seconds | Sunset or moon rise |
| 10-60 seconds | Lengthy activities, such as construction projects |

### CAPTURE SETTINGS MENU

**Capture Settings** allows you to adjust the following advanced capture options:

| | |
|---|---|
| | Camera Orientation |
| | Spot Meter |
| | Looping Video |

See *Capture Settings* for more information.





### SET UP MENU

The **Set Up** menu allows you to adjust the following camera settings:

| | |
|---|---|
| DEFAULT | Default mode at Power Up |
| NTSC /PAL | NTSC/PAL |
| OSD | On Screen Display |
| LED | Camera Status Lights |
| | Sound Indicator |
| OFF | Manual Power Off |
| | Month/Day/Year/Time |

See *Set Up* for more information.

## WIRELESS CONTROLS

The camera's built-in wireless allows your HERO3+ Silver to connect to the remote (sold separately) or smartphone/tablet via the GoPro App. When wireless is on, a wireless status icon appears on the camera status screen and the blue wireless lights blink intermittently. When you turn off wireless, the wireless status lights flash seven times.

**To Turn Wireless On/Off:**

Press the **Wireless On/Off** button [ ] to turn wireless on/off. The most recently used wireless mode is active when wireless is turned on.

*Note: Your camera cannot connect to the remote and the GoPro App at the same time.*





## DELETE

Delete the last file or all files and format the memory card. Deleting all files is useful after you transfer your files to your computer and want to make room on your memory card for more content. LED lights blink until the operation is complete.

NOTICE: If you select ALL, the memory card is reformatted, which deletes every file on your card.

| |
|---|
| CANCEL (default) |
| LAST |
| ALL (Formats SD card) |

**To Delete LAST or ALL:**

1. Verify that the camera is in the **Settings** mode. If the **Settings** icon [ ] does not appear on your camera status screen, press the **Power/Mode** button [ ] repeatedly until it appears.
2. Press the **Shutter/Select** button [ ] to enter the **Settings** menu [ ].
3. Use the **Power/Mode** button [ ] to cycle through **Settings** to locate the **Trash** [ ].
4. Press the **Shutter/Select** button [ ] to enter Delete.

5. Use the **Power/Mode** button [ ] to cycle through options.
6. Select highlighted option by pressing the **Shutter/Select** button [ ].
7. To exit, hold down the **Shutter/Select** button [ ] for two seconds or cycle through to [ EXIT ] and press the **Shutter/Select** button [ ].

**PRO TIP:** Use caution—by selecting **ALL**, the memory card will be formatted, deleting every file on your SD card.

## EXIT

From the [ EXIT ] screen, press the **Shutter/Select** button [ ] to exit the **Settings** menu.

**PRO TIP:** To exit from the **Settings** menu at any time press and hold the **Shutter/Select** button [ ] for two seconds.





## CAPTURE SETTINGS

**To Enter the Capture Settings Menu:**

1. Verify that the camera is in the **Settings** mode. If the **Settings** icon [ ] does not appear on your camera status screen, press the **Power/Mode** button [ ] repeatedly until it appears.
2. Press the **Shutter/Select** button [ ] to enter the **Settings** menu [ ].
3. Use the **Power/Mode** button [ ] to cycle through **Settings** to locate the **Capture Settings** menu [ ].
4. Press the **Shutter/Select** button [ ] to enter **Capture Settings**.
5. Use the **Power/Mode** button [ ] to locate the desired option to change.
6. Press the **Shutter/Select** button [ ] to select the desired option.
7. Some options have a sub-menu. Use the **Power/Mode** button [ ] to cycle through the sub-menus.
8. Press the **Shutter/Select** button [ ] to select the desired option
9. To exit, hold down the **Shutter/Select** button [ ] for two seconds or cycle through to [ EXIT ] and press the **Shutter/Select** button [ ] to select it.

You can customize the way your HERO3+ Silver captures video and photos in the **Capture Settings** menu, with options for Upside Down, Spot Meter and Looping Video.

### UPSIDE DOWN

If you mount your camera upside down, you might have to rotate the files during editing. This setting eliminates the need to flip your videos or photos after recording.

| Setting | Description |
|---|---|
| UP | Right side up (default) |
| dn | Camera upside down |

### SPOT METER

Turn on Spot Meter when filming from within a dark space pointing the camera into a brighter setting, such as filming the outdoors from within a car. When Spot Meter is turned on, [ ● ] appears in the camera status screen.

| |
|---|
| OFF (default) |
| ON |





### LOOPING VIDEO

Looping video lets you record continuously and save only the best moments, which helps to conserve space on your microSD card.

**Looping Video Options Include:**

| Capture Setting | Description |
|---|---|
| OFF (default) | |
| Max video | If you do not stop recording to save the video, camera records until memory card is full, and then overwrites with a new video. |
| 5 min video | If you do not stop recording to save the video, camera records for 5 minutes, and then overwrites the previous 5 minutes of video. |
| 20 min video | If you do not stop recording to save the video, camera records for 20 minutes, and then overwrites the previous 20 minutes of video. |

| Capture Setting | Description |
|---|---|
| 60 min video | If you do not stop recording to save the video, camera records for 60 minutes, and then overwrites the previous 60 minutes of video. |
| 120 min video | If you do not stop recording to save the video, camera records for 120 minutes, and then overwrites the previous 120 minutes of video. |

**PRO TIP:** Multiple chapter files are written to your memory card. This allows for small segments of content to be overwritten during loop recording. When viewing on a computer screen, you will see separate files for each time segment. Use GoPro software to combine the files into a longer video.

## EXIT

From the **EXIT** screen, press the **Shutter/Select** button [ ● ] to exit the **Capture Settings** menu.

**PRO TIP:** To exit from the **Capture Settings** menu at any time press and hold the **Shutter/Select** button [ ● ] for two seconds.





## SET UP

**To Enter the Set Up Menu:**

1. Verify that the camera is in the **Settings** mode. If the **Settings** icon [ 🔧 ] does not appear on your camera status screen, press the **Power/Mode** button [ ⏻ ] repeatedly until it appears.
2. Press the **Shutter/Select** button [ ● ] to enter the **Settings** menu [ 🔧 ].
3. Use the **Power/Mode** button [ ⏻ ] to cycle through **Settings** to locate the **Setup** menu [ ⚙ SET UP ].
4. Press the **Shutter/Select** button [ ● ] to enter **Set Up**.
5. Use the **Power/Mode** button [ ⏻ ] to locate the desired option to change.
6. Press the **Shutter/Select** button [ ● ] to select the desired option.
7. To exit, hold down the **Shutter/Select** button [ ● ] for two seconds or cycle through to [ **EXIT** ] and press the **Shutter/Select** button [ ● ] to select it.

### DEFAULT MODE AT POWER UP

You can set the camera's default mode at power up to any of the following modes:

| | |
|---|---|
| | Video (default) |
| | Photo |
| | Burst |
| | Time Lapse |





### ONE BUTTON

With One Button mode selected, the camera automatically begins recording when powered on.

| |
|---|
| OFF (default) |
| ON |

*Note: One Button mode is disabled when the camera is connected to the Remote (sold separately) or the GoPro App.*

**To Turn On One Button Mode:**
In Setup, set One Button to ON. For details about how to change a setting, see *Set Up* earlier in this section.

**To Capture Video or Time Lapse with One Button Mode:**
With the camera powered off, press and release the **Power/Mode** button [ ]. If the default mode is set to Video, the camera automatically powers on and begins capturing video. If the default mode is set to Photo, Burst or Time Lapse, the camera automatically powers on and begins capturing Time Lapse photos.

**To Stop Recording:**
Press and hold the **Power/Mode** button [ ] for two seconds to stop recording and power off the camera.

**To Turn Off One Button Mode:**

1. Power the camera on. Video or Time Lapse capture automatically begins.
2. Press and hold the **Shutter/Select** button until [ 1 BUTTON ] appears in the camera status screen.
3. Press the **Shutter/Select** button [ ● ] to enter.
4. Use the **Power/Mode** button [ ⏻ ] to highlight **OFF**.
5. Press the **Shutter/Select** button [ ● ] to select it.
6. To exit, hold down the **Shutter/Select** button [ ● ] for two seconds or cycle through to [ EXIT ] and press the **Shutter/Select** button [ ● ].





### NTSC/PAL

The NTSC and PAL settings govern video recording frame rate and playback when viewing video on a TV/HDTV. Select NTSC when viewing on a TV/HDTV in North America. Select PAL if viewing on a PAL TV/HDTV (most televisions outside of North America) or if viewing on a PAL TV/HDTV in any region.

| NTSC (Default) | PAL |
|---|---|
| 1080p/60 fps | 1080p/50 fps |
| 1080p/30 fps | 1080p/25 fps |
| 960p/60 fps | 960p/50 fps |
| 960p/30 fps | 960p/25 fps |
| 720p/120 fps | 720p/100 fps |
| 720p/60 fps | 720p/50 fps |
| 720p/30 fps | 720p/25 fps |
| WVGA/120 fps | WVGA/100 fps |
| WVGA/60 fps | WVGA/50 fps |

### ONSCREEN DISPLAY

The OSD setting lets you display or hide the recording icons and file information on the video of the viewing screen during playback.

| |
|---|
| OFF |
| ON (default) |

### CAMERA STATUS LIGHTS

Keep all four camera status lights active, only two active (front and back) or turn **OFF** all lights.

| |
|---|
| 4 (default) |
| 2 |
| OFF |





### SOUND INDICATOR

You can adjust the volume or turn off the sound indicator.

| |
|---|
| 100% (default) |
| 70% |
| OFF |

### MANUAL POWER OFF

The HERO3+ Silver can be configured to automatically power off after a specific period of inactivity (when no videos or photos are being taken and no buttons have been pressed).

| |
|---|
| MANUAL (default) |
| 60 sec |
| 120 sec |
| 300 sec |

### MONTH/DAY/YEAR/TIME

Your camera's date and time are automatically set when you connect your camera to the GoPro App. This setting lets you manually set the date and time. If the battery is removed from the camera for an extended period of time, you must reset the date and time (automatically or manually).

**To Set the Month/Day/Year/Time:**

1. Verify that the camera is in the **Settings** mode. If the **Settings** icon [ ] does not appear on your camera status screen, press the **Power/Mode** button [ ] repeatedly until it appears.
2. Press the **Shutter/Select** button [ ] to enter the **Settings** menu [ ].
3. Use the **Power/Mode** button [ ] to cycle through **Settings** to locate the **Setup** menu [ SET UP ].
4. Press the **Shutter/Select** button [ ] to enter the **Set Up** menu.
5. Use the **Power/Mode** button [ ] to locate the Month/Day/Year/Time menu [ ].
6. Press the **Shutter/Select** button [ ] to enter Month/Day/Year/Time menu; Month (MM will be highlighted).
7. Press the **Shutter/Select** button [ ] to access the list of months (1 to 12).





8. Use the **Power/Mode** button [ ] to cycle through list until desired selection is highlighted.
9. Press the **Shutter/Select** button [ ] to select.
10. To advance to the next option, press the **Shutter/Select** button [ ].
11. Repeat steps 7, 8 and 9 to make selections for day (DD), year (YY), hour (HH) and minutes (MM).
12. To exit, hold down the **Shutter/Select** button [ ] for two seconds or cycle through to [ **EXIT** ] and press the **Shutter/Select** button [ ].

### EXIT

From the [ **EXIT** ] screen, press the **Shutter/Select** button [ ] to exit the **Set Up** menu.

**PRO TIP:** To exit from the **Set Up** menu at any time press and hold the **Shutter/Select** button [ ] for two seconds.

### USING YOUR HERO3+ SILVER WITH THE GOPRO APP (FREE)

The GoPro App lets you control your camera remotely using a smartphone or tablet. Features include full camera control, live preview, playback and sharing of select content and more.*

**To Connect Your HERO3+ Silver to the GoPro App:**

1. Download the GoPro App to your smartphone or tablet at the Apple App Store, Google Play or Windows Phone marketplace.
2. Press the **Power/Mode** button [ ] to power camera on.
3. Press the **Wireless On/Off** button [ ] twice, then press the **Shutter/Select** button [ ] to enter Wireless menu [ ].
4. Use the **Power/Mode** button [ ] to cycle through options, and then press the **Shutter/Select** button [ ] to select **GoPro App**.
5. In your smartphone's or tablet's Wireless network settings, connect to the camera's Wireless network. The network name begins with "GOPRO-BP-" followed by a series of letters/numbers.
6. Enter the default camera password 'goprohero,' and then change it when prompted. If you already changed the password, enter that password instead of 'goprohero.'





7. Open the GoPro App on your smartphone or tablet. You can now control the camera with your smartphone or tablet, plus view, play back and share select content.*

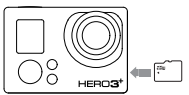
**PRO TIP:** See what your HERO3+ Silver sees by viewing it on your smartphone or tablet's screen.

**For device compatibility, see gopro.com.*

## / Storage and microSD Cards

The HERO3+ Silver camera is compatible with 4GB, 8GB, 16GB, 32GB and 64GB capacity microSD, microSDHC and microSDXC memory cards. A microSD card with a Class 10 rating or UHS-1 rating is required. GoPro recommends using brand name memory cards for maximum reliability in high-vibration activities.

**To Insert the microSD Card:**




Slide the memory card into the card slot with the label facing the front of the camera.

When fully inserted, the card clicks into place.

**To Remove the microSD Card:**

Place your fingernail against the edge of the memory card and lightly press it further into the camera.

The card springs out far enough to be removed.

NOTICE: Use care when handling memory cards. Avoid liquids, dust and debris. As a precaution, power off the camera before inserting or removing the card. Check manufacturer guidelines regarding use in acceptable temperature ranges.



## / System Requirements

For best results playing back your content on a computer, visit **gopro.com** to download the latest GoPro software. Be sure your Mac® or Windows® computer meets these minimum system requirements:

| | **Windows** | **Mac** |
|---|---|---|
| Operating System | Windows 7, 8x | OS X® 10.8 or later |
| CPU | Intel® Core 2 Duo™ (Intel Quad Core™ i7 or better recommended) | Intel® Dual Core™ (Intel Quad Core REMOVE TM i7 or better recommended) |
| Graphics Card | Card that supports OpenGL 1.2 or later | |
| Screen Resolution | 1280 x 800 | 1280 x 768 |
| RAM | 2GB (4GB or greater recommended) | 4GB |

## / System Requirements

| | Windows | Mac |
|---|---|---|
| Hard Drive | 5400 RPM internal drive (7200 RPM drive recommended)<br>If external, USB 3.0 or eSATA | 5400 RPM internal drive (7200 RPM drive recommended)<br>If external, Thunderbolt, USB 3.0 or Firewire |

**PRO TIP:** Want to see your videos and photos on the big screen? Connect your HERO3+ Silver directly to your TV/HDTV. See *Playing Back Files on a TV/HDTV*.



## / Transferring Files to a Computer

To play back your videos and photos on a computer, you must first transfer these files to a computer.

**TO TRANSFER FILES TO A COMPUTER:**

1. Download and install the latest GoPro software from **gopro.com/getstarted**.
2. Connect the camera to your computer using the included USB cable.

**PRO TIP:** You can also transfer files to a computer using a card reader (sold separately). Connect the card reader to your computer and insert the microSD card into the reader. You can then transfer files to your computer or delete selected files on your card.

## VIEWING VIDEOS AND PHOTOS

You can view your videos and photos on a computer, smartphone/tablet, TV, or on the camera using an LCD Touch BacPac™ (sold separately).

### Playing Back Files on a Computer

1. Download the latest GoPro software from **gopro.com/getstarted**.
2. Connect the camera to your computer using the included USB cable.
3. Copy the files to your computer or external hard drive.
4. Play back your content with GoPro software.

### Playing Back Files on a Smartphone/Tablet

1. Connect your camera to the GoPro App. For details, see *Connecting to the GoPro App*.
2. Use the controls on the app to play back your footage on your smartphone/tablet.





### Playing Back Files on a TV/HDTV

Playing back videos and photos on your TV/HDTV requires a micro HDMI, composite or combo cable.

**To Play Back files on a TV/HDTV:**

1. Connect the camera to a TV/HDTV with a micro HDMI cable, composite cable or combo cable.
2. Power on the camera.
3. On your camera, press the **Power/Mode** button [ ] to cycle to **Playback** [ ]. Press the **Shutter/Select** button [ ]. HERO3+ Silver displays thumbnail previews of all videos and photos on the microSD card.

   *Note: Photo sets taken in **Burst** and **Time Lapse** display the first photo in a series.*
4. While in thumbnail preview, use the **Power/Mode** button [ ] to cycle through thumbnails and press the **Shutter/Select** button [ ] to view.
5. Use [ ] and [ ] to navigate backward and forward to see more media files on your memory card.
6. Use the **Power/Mode** button [ ] and the **Shutter/Select** button [ ] to navigate.

**Playing Back Files on an LCD Touch BacPac**
See the user manual included with the LCD Touch BacPac for more information.

## / Battery

### MAXIMIZING BATTERY LIFE

To maximize battery life, turn Wireless off. To maximize battery life when shooting longer-duration activities, turn off or detach the LCD Touch BacPac™ (optional accessory, sold separately). Extreme cold temperatures can decrease battery life. To maximize battery life in cold conditions, keep camera in a warm place prior to use.





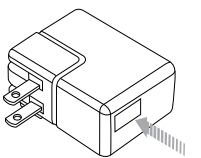
### CHARGING THE BATTERY

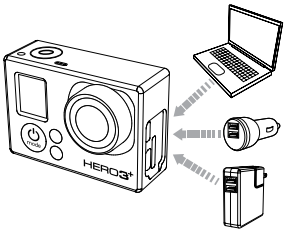
The battery icon displayed on the camera status screen blinks when the battery drops below 10%. If the battery reaches 0% while recording, the camera saves the file and powers off.

**To Charge the Battery:**

1. Power off your camera.
2. Connect the camera to a computer or USB power supply (such as the GoPro Wall Charger or GoPro Auto Charger, sold separately).
   *Note: Be sure that the computer is connected to a power source. If the camera status screen does not indicate that the battery is charging, use a different USB port.*
   The red status indicator light remains on while the battery is charging and turns off when the battery is fully charged.

NOTICE: Using a wall charger other than a GoPro Wall Charger can damage the GoPro battery. Only use chargers marked: Output 5V 1A. If you do not know the voltage and current of your charger, use the included USB cable to charge the camera with your computer.






The battery charges to 80% in approximately one hour and 100% in approximately two hours when using GoPro's USB-compatible Wall or Auto Charger.

You can also charge the battery outside the camera using the Dual Battery Charger (sold separately).

No damage occurs to the camera or battery if used prior to full charge. Spare batteries and additional charging accessories are available at **gopro.com**.





### USING THE CAMERA WHILE CHARGING

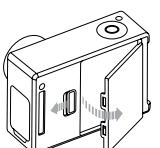
You can capture video and photos while charging the camera's battery. Simply plug the camera into a computer, any USB charging devices, or for best results, the GoPro Auto or Wall Chargers using the included USB cable.

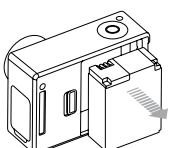
### REMOVING THE BATTERY FROM THE CAMERA

The HERO3+ Silver battery is designed to have a tight fit to maximize reliability in high-vibration activities.

**To Remove the Battery:**

1. Remove the battery door by placing your thumb in the indentation in the battery door (on the back of the camera) and sliding it to the left. Allow the door to pop out.
2. Grasp the battery pull-tab and remove the battery from the camera.





## BATTERY INFORMATION

**Battery Storage and Handling**
The camera contains sensitive components, including the battery. Do not drop, disassemble, open, crush, bend, deform, puncture, shred, microwave, incinerate, paint or insert foreign objects into the battery opening on the camera. Do not use the camera or the battery if it has been damaged—for example, if cracked, punctured or harmed by water. Disassembling or puncturing the battery can cause an explosion or fire.

Avoid exposing your camera and battery to very cold or very hot temperatures. Low or high temperature conditions may temporarily shorten the battery life or cause the camera to temporarily stop working properly. Avoid dramatic changes in temperature or humidity when using the camera, as condensation may form on or within the camera.

The camera housing protects the camera and battery from water damage. For more information, see *Camera Housing*. Do not turn on your camera if it is wet. If your camera is already on, turn it off and remove the battery immediately. Allow the camera to dry thoroughly before using it again. Do not dry the camera or battery with an external heat source such as a microwave oven or hair dryer. Damage to the camera or battery caused by contact with liquid is not covered under the warranty.





Do not store your battery with metal objects, such as coins, keys or necklaces. If the battery terminals come in contact with metal objects, this may cause a fire.

**Battery Disposal**
Most rechargeable lithium-ion batteries are classified as non-hazardous waste and are safe for disposal in the normal municipal waste stream. Many localities have laws in place requiring battery recycling. Check your local laws to make sure that you can dispose of rechargeable batteries in your regular trash. To safely dispose of lithium-ion batteries, protect terminals from exposure to other metal with packing, masking or electrical tape so they do not cause a fire while being transported.

Lithium-ion batteries, however, do contain recyclable materials and are accepted for recycling by the Rechargeable Battery Recycling Corporation's (RBRC) Battery Recycling Program. We encourage you to visit Call2Recycle at call2recycle.org or call 1-800-BATTERY in North America to find a convenient recycling location.

Never dispose of a battery in a fire because it may explode.

### MICROSD CARD MESSAGES

| | |
|---|---|
| NO SD CARD | No card present. The camera requires a microSD, microSDHC or microSDXC card to capture video or photos. |
| SD CARD FULL | Card is full. Delete files or swap card. |
| SD ERROR | Camera is unable to read card formatting. Reformat the card in the camera. |

### FILE REPAIR ICON

If you see the File Repair icon on the camera status display, your video file was corrupted during recording. Press any button and the camera repairs the file.

### TEMPERATURE ICON

The Temperature icon appears on the camera status screen when the camera becomes too hot and needs to cool down. Simply let it sit and cool before attempting to use it again. Your camera was designed to identify conditions of overheating and will not allow itself to overheat.

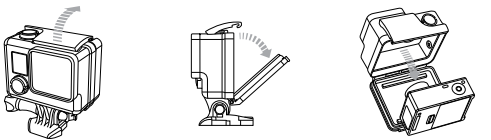




### ASSEMBLING THE CAMERA HOUSING

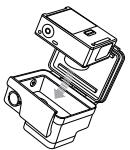
**To Remove Camera From Housing:**

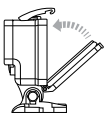
1. Lift front of latch up to disengage from camera housing.
2. Pivot latch backward and pull up to release backdoor.
3. Pull open housing backdoor and remove camera.



**To Secure Camera in Housing:**

1. Open housing and drop camera into position.
2. Make sure the seal around the backdoor is free of debris.
3. Close the housing backdoor and squeeze it closed to ensure a good seal.
4. Pivot the hinged arm backwards and hook the lip of the latch into the grooved top of the housing backdoor.
5. Push the latch down to snap it into place.



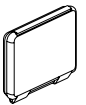


**WARNING: Always secure the camera in its housing when using the camera in or around water. Do not get the camera or the battery wet.**

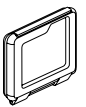




Your HERO3+ Silver camera comes with two types of backdoors: Standard Backdoor (waterproof) and Skeleton Backdoor (non-waterproof).



The Standard Backdoor makes the housing waterproof to 131' (40m). Use this door when you need to protect the camera from water, dirt, sand and other environmental hazards.



The Skeleton Backdoor (non-waterproof) provides better sound quality by allowing more sound to reach the camera's microphone. It also reduces wind noise at speeds up to 100mph when mounted on helmets, motorcycles, bikes and other fast-moving vehicles. Use this backdoor only when sand, excessive dirt/dust and water damage is not a risk. This backdoor is also recommended for use inside vehicles.

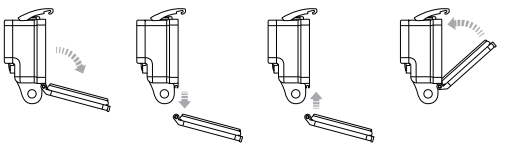
**PRO TIP:** Apply Rain-X® or a similar anti-beading solution to the camera housing lens to prevent water spots from forming when using your camera in rain or water.

### SWAPPING BACKDOORS

You can switch the backdoor of your HERO3+ Silver camera to suit your activity and shooting conditions.

**To Change the Backdoor:**

1. Open the backdoor of the housing so that it is hanging downwards.
2. Pull downwards on the backdoor until it snaps free from the hinge.
3. Line up replacement backdoor into the hinge opening.
4. Push upwards on the backdoor until it clicks into place.







### PREVENTING WATER DAMAGE TO YOUR CAMERA

The rubber seal that lines the camera housing forms a waterproof barrier that protects your HERO3+ Silver in wet and underwater conditions.

Keep the camera housing's rubber seal clean—a single hair or grain of sand can cause a leak and damage your camera.

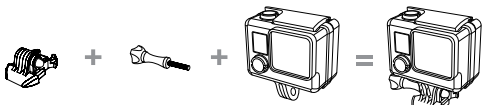
After every use in salt water, rinse the outside of the camera housing with non-salt water and dry. Not doing this can eventually cause corrosion of the hinge pin and salt buildup in the seal, which can cause failure.

To clean the seal, rinse in fresh water and shake dry (drying with a cloth may cause lint to compromise the seal). Re-install the seal into the grooves in the backdoor of the camera housing.

**WARNING: Failure to follow these steps each time you use your GoPro can result in leaks that may damage or destroy your camera. Water will damage both the camera and the battery. Your warranty does not cover water damage resulting from user error.**

### ATTACHING YOUR CAMERA TO MOUNTS

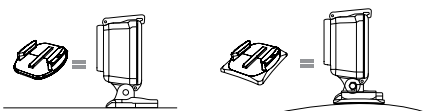
To attach your HERO3+ Silver camera to a mount, you need a Quick Release Buckle, thumb screw or hardware depending on the mount you are using. For more information on mounts, visit **gopro.com/support**.



**Quick Release Buckle** | **Thumb Screw** | **Housing** | **Complete Unit**

### USING CURVED + FLAT ADHESIVE MOUNTS

The Curved + Flat Adhesive Mounts make it easy to attach the camera to curved and flat surfaces of helmets, vehicles and gear. Using the Quick Release Buckle, the assembled camera housing can be clicked on and off the secured Curved or Flat Adhesive Mounts.



**Flat Adhesive Mount** | **Curved Adhesive Mount**





### MOUNTING GUIDELINES

Follow these guidelines when attaching mounts:

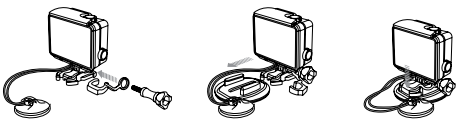
- Attach the adhesive mounts 24 hours prior to use.
- Apply adhesive mounts to clean surfaces only. Wax, oil, dirt or other debris will reduce adhesion, which can result in a weak bond and risk of losing camera should connection fail.
- Attach adhesive mounts in room temperature conditions. Mount adhesives do not bond properly if applied in cold or damp environments to cold or damp surfaces, or if the surface is not room temperature.
- Adhesive mounts must be mounted only to smooth surfaces. Porous or textured surfaces do not enable a proper bond. When applying mount, firmly press into place and ensure full contact over the entire surface.

See **gopro.com/support** for more information on mounts.

**WARNING: If using your camera with a GoPro helmet mount, always select a helmet that meets the applicable safety standard. Choose the right helmet for your particular sport or activity and make sure that it is the right fit and size for you. Inspect your helmet to ensure that it is in good condition and follow the helmet manufacturer's instructions on safe helmet use. Any helmet that has sustained a major impact should be replaced. No helmet can protect against injury in every accident.**

### LOCKING PLUG

Using the HERO3+ Silver in high impact sports such as surfing or skiing where significant impact may occur? Use the special locking plug, which securely locks the Quick Release Buckle fingers into place, helping to prevent accidental housing release from the mount. The circular ring fits over the thumbscrew and acts as a leash to prevent dropping or losing the locking plug.







### MY GOPRO WON'T POWER ON

Make sure your GoPro is charged. To charge your camera, use the included USB cable and a computer. You can also use the GoPro Wall or Auto Charger.

### MY PLAYBACK IS CHOPPY

Choppy playback is typically not a problem with the file. If your footage skips, one of these situations is likely the cause:

- Use the latest GoPro software, available for free from **gopro.com/getstarted**.
- The computer does not meet the minimum requirements for HD playback. The higher the resolution and frame rate of your video, the harder the computer has to work to play it back. Make sure that your computer meets the minimum requirements listed in *System Requirements*.
- Playing a high bitrate HD video file over a low bandwidth USB connection. Transfer the file to the computer to play back.

For more answers to commonly asked questions, see **gopro.com/support**.

## / Customer Support

GoPro is dedicated to providing the best possible service. To reach GoPro Customer Support, visit **gopro.com/support**.

## / Trademarks

GoPro, HERO, the GoPro logo, the GoPro Be a Hero logo, BacPac, Protune, SuperView, and Wear It. Mount It. Love It. are trademarks or registered trademarks of GoPro, Inc. in the US and internationally. Other names and marks are the property of their respective owners.

## / Regulatory Information

To see the complete list of country certifications, refer to the Important Product + Safety Information Guide included with your camera.